

6) How far can a tractor-rig travel in 8 days if it travels at the rate of 1680 mi in 4 days?

7) How much insecticide does 275 acres of farmland need if the insecticide treats 50 acres per 100 lb?

8) How much fertilizer does 2625 ft^2 of lawn need if the fertilizer treats 1575 ft^2 per gallon? Express the answer to the nearest tenth of a gallon.

9) Two gears have a ratio of 8 to 2. If the larger gear has 48 teeth, how many does the smaller gear have?

10) Two gears have a ratio of 9 to 4. If the larger gear has 72 teeth, how many does the smaller gear have?